

Serial No:10/651698  
Docket No: LEDGE-002

### AMENDMENT IN THE SPECIFICATION

Under 37 CFR 1.121, please replace the following paragraphs of the specification:

[002] Microfiber is comprised of a variation of polyester with extremely fine fiber filaments as compared to conventional fiber forms giving them their unique and highly highly desirable characteristics. The accepted terminology for qualification to be called a microfiber is generally linked to the fiber's weight, length, diameter and denier. To be a microfiber, the fiber must be less than 1 denier. As a comparision comparison, microfiber filaments are half the diameter of a silk fiber, only one-third the diameter of a cotton fiber, and one hundred times finer than a human hair.

[004] Split microfiber, is a microfiber that has been treated or processed to split the fiber into wedge-shaped segments which emanate emanate from the fiber's central axis. Split microfibers have greater cleaning and absorpition absorption capabilities over non-split microfibers due to the increased surface area created when the fiber is split. The increased surface area provides for great absorpition absorption of fluids, the ability to remove particles from a surface that are smaller in diameter than the fiber, and better cleaning by a scraping action that is performed as the wedge-shaped segements segments are moved across a surface.

[017] The cords may be coated, impreganeted impregnated or other wise treated with an antibacterial antibacterial solution, a fungicide, a cleaning solution, a deoderant deodorant, a perfume or coloring agent.

Serial No:10/651698  
Docket No: LEDGE-002

[021] In doing so, the strip mop head comprises a least two strips of material either bundled together, individually individually sewn to the surface of another sheet or attached to any surface which provides for creating a cleaning action with the strips. Once such example, the strips may be attached to a typical revolving disc used in present automated car washes.

[023] Prefereably Preferably, the filaments are spun extruded, and a filament can be either split as described below or unsplit. A split filament comprises a core member, a plurality of projections emanating from the core member, and a wedge-shaped insert disposed between every other projection, wherein the filaments are woven into a sheet from which the strips are cut from. Alternatively, the filaments can be non-split or round in configuration. The non-split filaments are less than one denier, preferably between about 0.02 denier and about 0.99 denier.

[025] The strips may be coated, impregnated impregnated or other wise treated with an antibacterial antibacterial solution, a fungicide, a cleaning solution, a deodorant deodorant, a perfume or coloring agent.

[045] The mop head 10, can have at least 2 cords 12 arranged side-by-side or from 2 to about 1000 cords arranged side-by-side, from 2 to about 500 cords arranged side-by-side, or preferably preferably from about 50 to about 250 cords arranged side-by-side. The

Serial No:10/651698  
Docket No: LEDGE-002

mop head 10 can have at least 1 layer of cords, from about 2 to about 10 layers of cords or from about 2 to about 1,000 layers of cords.

[046] The cords 12 are constructed by interwining intertwining or twisting at least two filaments 100 together to form a completed cord by any known method. At least one of the filaments 100 is less than 1 denier. Preferably, at least one filament is from about 0.02 denier to about 0.99 denier. The filaments 100 are spun extruded and can be either split as described below or unsplit. Referring Referring to Figure 2, a split filament 100 comprises a core member 102, a plurality of projections 104 emanating from the core member, and a wedge-shaped insert 106 disposed between every other projection, wherein at least two filaments are intertwined to produce a cord 12 for the mop head 10. Alternatively, the filaments 100 can be non-split or round in configuration. The non-split filaments are less than one denier, preferably between about 0.02 denier and about 0.99 denier.

[051] In an additional embodiment, the cords 12 may be coated, ~~impregnated~~ impregnated or otherwise treated with an antibacterial antibacterial solution, a fungicide, a cleaning solution, a deoderant deodorant, a perfume or coloring agent.

[055] Referring Referring to Figure 2, preferably preferably, the filaments 100 are spun extruded, and a filament can be either split as described below or unsplit. A split filament 100 comprises a core member 102, a plurality of projections 104 emanating from the core member, and a wedge-shaped insert 106 disposed between every other projection,

Serial No:10/651698  
Docket No: LEDGE-002

wherein the filaments are woven into a sheet from which the strips are cut from..

Alternatively, the filaments 100 can be non-split or round in configuration. The non-split filaments are less than one denier, preferably between about 0.02 denier and about 0.99 denier.

[058] In an additional embodiment, the strips 40 may be coated, impregnated or other wise treated with an antibacterial antibacterial solution, a fungicide, a cleaning solution, a deodorant deodorant, a perfume or coloring agent.

[059] Another aspect of the invention features a method of making a cord 12 for using in manufacturing a mop head 10 by spin-extruding a precursor material to form a precursor filament, acid treating the precursor filament to form a filament 100, wherein the filament is split to comprise a core member 102, a plurality of projections 104 emanating from the core member, and a wedge-shaped insert 106 disposed between every other projection, and weaving at least two continuous filaments together into a bundle to form the cord. Alternatively, a filament is spun-extruded from a precursor material to form a precursor filament, acid treating the precursor filament to form a filament, wherein the filament is not split. The filaments, either split or non-split are then woven or twisted into a bundle to form the cord. Preferably, a plurality of bundles are woven together to form the cord. Any weave comprehensible by one of skill in the art may be used to make the cords from the filaments described herein. More preferably, the cords described in the methods of the application may be comprised of about 2 to about 1,250,000 filaments. The filaments being less than 1 denier or from about 0.02 denier to

Serial No:10/651698  
Docket No: LEDGE-002

about 0.99 denier. The cord made by this method may be about 1,000 to about 25,000 deniers, preferably about 10,000 to about 25,000 deniers. In addition, the cords or filaments may be ~~impregnated~~ impregnated or other wise treated with an ~~antibaetrial~~ antibacterial solution, a fungicide, a cleaning solution, a ~~deoderant~~ deodorant, a perfume or coloring agent.